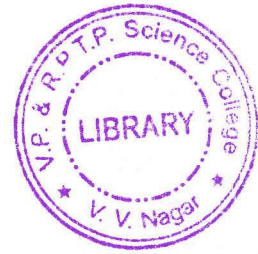**V.P. & R.P.T.P. SCIENE COLLEGE**
**VALLABH VIDYANAGAR – 388 120**
**S.Y.BSc. EXAMINATION**
**THIRD SEMESTER**
US03CCSC01 : Fundamentals of Computer Programming Using C
Wednesday, 08<sup>th</sup> October - 2014

Time : 02:00pm to 03:30pm                                    Max.Marks : 25

Q.1    Multiple choice of Question                                    [3]
       [1] C language is _____
           (a) High Level Language        (b) Machine Level Language
           (c) Assembly Language          (d) Low Level Language
       [2] The Switch expression can be an _____ type.
           (a) Integer                    (b) float
           (c) double                     (d) none of these
       [3] _____is use to  print the double quote in the string
           (a) Back Slash                 (b) Forward slash
           (c) Tab                        (d) None of these


Q.2    Attempt any 2 questions                                        [4]
       [1] Difference     : Interpreter and Compiler.
       [2] Write difference between pre-increment and post- increment
           operator.
       [3] Explain gets( ) function with syntax and example.


Q.3    Explain Machine Level Language with advantages and            [6]
       disadvantages


                                OR

Q.3    Write an algorithm and draw a flowchart for "to check whether  [6]
       inputted number is prime number or not".


Q.4    [a] Explain switch statement by taking at least TWO examples.  [3]
       [b] Explain the input / output statement used in C, giving     [3]
           examples.


                                OR

Q.4    [a] Define constant. Give the difference between character     [3]
           constant and string constant by giving suitable example.
       [b] What is Variable? How to declare and initialization of
           variable with example.                                     [3]


Q.5    Define 2D array? Explain the declaration and initialization of  [6]
       2D array with syntax and example.


                                OR

Q.5    Explain the following library function with syntax and example: [6]
       1. isalpha( )     2. clrscr( )     3. isupper( )